

## CLAIMS

### What is Claimed is:

- 1           1.       A method of delivering purchase information comprising:  
2           storing purchase information for a purchase of a user in a set top box, wherein the  
3           set top box is configured to:  
4                 receive broadcast signals through a tuner; and  
5                 enable a presentation device connected to the set top box to display the  
6           broadcast signals;  
7           automatically obtaining a connection to the Internet using a communication  
8           module of the set top box without the user requesting the connection, wherein the  
9           communication module is different than the tuner;  
10          establishing a secure electronic connection with a server through the connection to  
11          the Internet; and  
12          transmitting the purchase information from the set top box through the secure  
13          electronic connection to the server.
- 1           2.       The method of claim 1, wherein the purchase information relates to a pay  
2           per view program.
- 1           3.       The method of claim 1, wherein the purchase information relates to an  
2           electronic commerce transaction.
- 1           4.       The method of claim 1, wherein the presentation device is a television.
- 1           5.       The method of claim 1, wherein the purchase information is stored in a  
2           smart card.
- 1           6.       The method of claim 1, wherein the purchase information is stored in a  
2           renewable security module.

1           7.     The method of claim 1, wherein the automatically obtaining a connection  
2 comprises:  
3           receiving a local phone number in the set top box;  
4           automatically dialing the local phone number, without a user requesting a  
5 connection, using the communication module, wherein the communication module is a  
6 modem; and  
7           establishing a connection to the Internet through a computer that answers the  
8 dialed local phone number.

1           8.     The method of claim 7, wherein the local phone number is associated with  
2 an Internet service provider.

1           9.     The method of claim 1, wherein the automatically obtaining a connection  
2 comprises:  
3           determining if an Internet connection is currently established;  
4           if an Internet connection is currently established, automatically obtaining a new  
5 transmission control protocol/internet protocol (TCP/IP) connection through the  
6 communication module using the established Internet connection.

1           10.    The method of claim 9, wherein the secure electronic connection utilizes a  
2 secure socket layer (SSL) protocol.

1           11.    The method of claim 1, wherein the server is a broadcast satellite  
2 operator's Internet server.

1           12.    The method of claim 1, further comprising receiving additional  
2 information in the set top box through the secure electronic connection.

1           13.     A method of delivering purchase information comprising:  
2           storing purchase information for a purchase of a user in a set top box, wherein the  
3 set top box is configured to:  
4           receive broadcast signals through a tuner; and  
5           enable a presentation device connected to the set top box to display the  
6 broadcast signals;  
7           automatically obtaining a connection to a data paging network using a  
8 communication module of the set top box without the user requesting the connection,  
9 wherein the communication module is different than the tuner;  
10          establishing a secure electronic connection with a server through the connection to  
11 the data paging network; and  
12          transmitting the purchase information from the set top box through the secure  
13 electronic connection to the server.

1           14.     A system for delivering purchase information comprising:  
2           purchase information for a purchase of a user;  
3           a set top box configured to:  
4           receive broadcast signals through a tuner;  
5           enable a presentation device to display the broadcast signals;  
6           store the purchase information;  
7           automatically obtain a connection to the Internet using a communication  
8 module of the set top box without the user requesting the connection, wherein the  
9 communication module is different than the tuner;  
10          establish a secure electronic connection with a server through the  
11 connection to the Internet; and  
12          transmit the purchase information from the set top box through the secure  
13 electronic connection to the server.

1           15.     The system of claim 14, wherein the purchase information relates to a pay  
2 per view program.

1           16.     The system of claim 14, wherein the purchase information relates to an  
2     electronic commerce transaction.

1           17.     The system of claim 14, wherein the presentation device is a television.

1           18.     The system of claim 14, wherein the purchase information is stored in a  
2     smart card.

1           19.     The system of claim 14, wherein the purchase information is stored in a  
2     renewable security module.

1           20.     The system of claim 14, wherein the set top box is configured to  
2     automatically obtain a connection by:  
3             receiving a local phone number in the set top box;  
4             automatically dialing the local phone number, without a user requesting a  
5     connection, using the communication module, wherein the communication module is a  
6     modem; and  
7             establishing a connection to the Internet through a computer that answers the  
8     dialed local phone number.

1           21.     The system of claim 20, wherein the local phone number is associated with  
2     an Internet service provider.

1           22.     The system of claim 14, wherein the set top box is configured to  
2     automatically obtain a connection by:  
3             determining if an Internet connection is currently established;  
4             if the Internet connection is currently established, automatically obtaining a new  
5     transmission control protocol/internet protocol (TCP/IP) connection through the  
6     communication module using the established Internet connection.

1           23.     The system of claim 22, wherein the secure electronic connection utilizes a  
2     secure socket layer (SSL) protocol.

1           24.     The system of claim 14, wherein the server is a broadcast satellite  
2 operator's Internet server.

1           25.     The system of claim 14, wherein the set top box is further configured to  
2 receive additional information through the secure electronic connection.

1           26.     A system for delivering purchase information comprising:  
2 purchase information for a purchase of a user;  
3 a set top box configured to:  
4                 receive broadcast signals through a tuner;  
5                 enable a presentation device to display the broadcast signals;  
6                 store the purchase information;  
7                 automatically obtain a connection to a data paging network using a  
8 communication module of the set top box without the user requesting the  
9 connection, wherein the communication module is different than the tuner;  
10                establish a secure electronic connection with a server through the  
11 connection to the data paging network; and  
12                transmit the purchase information from the set top box through the secure  
13 electronic connection to the server.

1           27.     An article of manufacture for delivering purchase information comprising:  
2                 means for a set top box connectable to a presentation device to receive broadcast  
3 signals through a tuner;  
4                 means for the set top box to enable the presentation device to display the  
5 broadcast signals;  
6                 means for the set top box to store purchase information for a purchase of a user;  
7                 means for the set top box to automatically obtain a connection to the Internet  
8 using a communication module of the set top box without the user requesting the  
9 connection, wherein the communication module is different than the tuner;  
10                means for the set top box to establish a secure electronic connection with a server  
11 through the connection to the Internet; and  
12                means for the set top box to transmit the purchase information from the set top  
13 box through the secure electronic connection to the server.

1           28.     The article of manufacture of claim 27, wherein the purchase information  
2 relates to a pay per view program.

1           29.     The article of manufacture of claim 27, wherein the purchase information  
2 relates to an electronic commerce transaction.

1           30.     The article of manufacture of claim 27, wherein the presentation device is  
2 a television.

1           31.     The article of manufacture of claim 27, wherein the purchase information  
2 is stored in a smart card.

1           32.     The article of manufacture of claim 27, wherein the purchase information  
2 is stored in a renewable security module.

1           33.     The article of manufacture of claim 27, wherein the means for  
2     automatically obtaining a connection comprises:  
3                 means for the set top box to receive a local phone number in the set top box;  
4                 means for the set top box to automatically dial the local phone number, without a  
5     user requesting a connection, using the communication module, wherein the  
6     communication module is a modem; and  
7                 means for the set top box to establish a connection to the Internet through a  
8     computer that answers the dialed local phone number.

1           34.     The article of manufacture of claim 33, wherein the local phone number is  
2     associated with an Internet service provider.

1           35.     The article of manufacture of claim 27, wherein the means for the set top  
2     box to automatically obtain a connection comprises:  
3                 means for the set top box to determine if an Internet connection is currently  
4     established;  
5                 means for the set top box to automatically obtain a new transmission control  
6     protocol/internet protocol (TCP/IP) connection through the communication module using  
7     the established Internet connection if an Internet connection is currently established.

1           36.     The article of manufacture of claim 35, wherein the secure electronic  
2     connection utilizes a secure socket layer (SSL) protocol.

1           37.     The article of manufacture of claim 27, wherein the server is a broadcast  
2     satellite operator's Internet server.

1           38.     The article of manufacture of claim 27, further comprising means for  
2     receiving additional information through the secure electronic connection.

- 1           39.     An article of manufacture for delivering purchase information comprising:  
2                 means for a set top box connectable to a presentation device to receive broadcast  
3 signals through a tuner;  
4                 means for the set top box to enable the presentation device to display the  
5 broadcast signals;  
6                 means for the set top box to store purchase information for a purchase of a user;  
7                 means for the set top box to automatically obtain a connection to a data paging  
8 network using a communication module of the set top box without the user requesting the  
9 connection, wherein the communication module is different than the tuner;  
10                means for the set top box to establish a secure electronic connection with a server  
11 through the connection to the data paging network; and  
12                means for the set top box to transmit the purchase information from the set top  
13 box through the secure electronic connection to the server.